American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 71 For Week Ended November 23, 1990 NO. 47

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/23/90	Last Week Ending: 11/16/90	Last Year Week Ending: 11/24/89	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,945	12,978	13,406	-33	-461
Operable capacity	15,591	15,591	15,576	0	15
Percent operated	83.0	83.2	86.1		
Motor Gasoline					
Total motor gasoline production	6,638	6,748	7,023	-110	-385
Finished leaded motor gasoline production	304	259	594	45	-290
Finished unleaded motor gasoline production	6,334	6,489	6,429	-155	-95
Total motor gasoline stocks	218,272	217,331	222,122	941	-3,850
Finished leaded motor gasoline stocks	10,317	9,987	18,117	330	-7,800
Finished unleaded motor gasoline stocks	169,001	168,393	165,826	608	3,175
Jet Fuel Kerosine					
Jet fuel kerosine production	1,370	1,313	1,311	57	59
Jet fuel kerosine stocks	46,828	43,682	43,777	3,146	3,051
Distillate Fuel Oil					
Distillate fuel oil production	2,840	2,839	3,103	1	-263
Distillate fuel oil stocks	134,801	134,535	119,565	266	15,236
Residual Fuel Oil					
Residual fuel oil production	839	912	1,121	-73	-282
Residual fuel oil stocks	51,426	51,410	51,077	16	349
Imports					
Crude oil imports	5,253	5,196	5,603	57	-350
Product imports	1,710	1,307	1,423	403	287
Crude Oil Stocks					
Crude oil stocks	337,075	341,215	344,033	-4,140	-6,958
Crude Supply Balance	-187				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,203	1,042	1,042	1,384	75.3
Appal. No. 1	103	100	100	124	80.6
DISTRICT 1 TOTAL	1,306	1,142	1,142	1,508	75.7
Ind., Ill., Ky.	2,021	1,848	1,878	2,195	85.6
Minn., Wisc., Daks.	352	339	339	343	98.8
Okla., Kans., Mo.	743	643	651	737	88.3
DISTRICT 2 TOTAL	3,116	2,830	2,868	3,275	87.6
Inland Texas	503	475	494	584	84.6
Texas Gulf Coast	3,288	2,814	2,894	3,339	86.7
La. Gulf Coast	2,386	2,208	2,226	2,903	76.7
N. La. and Ark.	186	181	181	257	70.4
New Mexico	80	72	72	78	92.3
DISTRICT 3 TOTAL	6,443	5,750	5,867	7,161	81.9
DISTRICT 4 TOTAL	463	430	430	556	77.3
DISTRICT 5 TOTAL	2,757	2,628	2,638	3,091	85.3
TOTAL U.S.	14,085	12,780	12,945	15,591	83.0
TOTAL U.S. Weeks Ended:					
NOV. 16, 1990	14,161	12,723	12,978	15,591	83.2
NOV. 24, 1989	14,304	13,310	13,406	15,576	86.1
DISTRICTS 1-4 Weeks Ended:					
NOV. 23, 1990	11,328	10,152	10,307	12,500	82.5
NOV. 16, 1990	11,426	10,208	10,386	12,500	83.1
NOV. 24, 1989	11,594	10,768	10,828	12,538	86.4

API WEEKLY STATISTICAL BULLETIN

Week Ended November 23, 1990

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	529	--	529	1	78	249	105
Appal. No. 1	33	1	32	--	--	32	4
DISTRICT 1 TOTAL	562	1	561	1	78	281	109
Ind., Ill., Ky.	1,173	4	1,169	4	157	418	64
Minn., Wisc., Daks.	201	11	190	2	9	99	6
Okla., Kans., Mo.	419	24	395	7	58	164	6
DISTRICT 2 TOTAL	1,793	39	1,754	13	224	681	76
Inland Texas	302	25	277	22	41	128	14
Texas Gulf Coast	1,416	--	1,416	42	336	651	195
La. Gulf Coast	1,124	15	1,109	17	308	497	123
N. La. and Ark.	55	--	55	7	2	51	10
New Mexico	40	7	33	12	2	17	1
DISTRICT 3 TOTAL	2,937	47	2,890	100	689	1,344	343
DISTRICT 4 TOTAL	216	52	164	11	29	131	9
DISTRICT 5 TOTAL	1,130	165	965	49	350	403	302
TOTAL U.S.	6,638	304	6,334	174	1,370	2,840	839
TOTAL U.S. Weeks Ended:							
NOV. 16, 1990	6,748	259	6,489	148	1,313	2,839	912
NOV. 24, 1989	7,023	594	6,429	207	1,311	3,103	1,121
DISTRICTS 1-4 Weeks Ended:							
NOV. 23, 1990	5,508	139	5,369	125	1,020	2,437	537
NOV. 16, 1990	5,556	108	5,448	117	933	2,344	584
NOV. 24, 1989	5,798	356	5,442	151	974	2,631	675

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended November 23, 1990

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,836	10	3,825	1	158	718	7,145	463	--
Central Atlantic	26,758	19	22,019	4,720	300	6,394	38,489	20,878	13,319
Lower Atlantic	27,274	18	27,079	177	479	6,100	16,790	2,302	466
DISTRICT 1 TOTAL	57,868	47	52,923	4,898	937	13,212	62,424	23,643	13,785
DISTRICT 2 TOTAL	55,608	2,586	45,153	7,869	901	8,854	29,018	3,696	14,867
DISTRICT 3 TOTAL	66,615	803	49,173	16,639	2,400	16,433	27,965	15,636	52,306
DISTRICT 4 TOTAL	7,557	1,518	3,766	2,273	297	650	2,932	584	2,041
DISTRICT 5 TOTAL	30,624	5,363	17,986	7,275	1,553	7,679	12,462	7,867	24,720
TOTAL U.S.	218,272	10,317	169,001	38,954	6,088	46,828	134,801	51,426	107,719
TOTAL U.S. Weeks Ended:									
NOV. 16, 1990	217,331	9,987	168,393	38,951	5,791	43,682	134,535	51,410	106,408
NOV. 24, 1989	222,122	18,117	165,826	38,179	6,040	43,777	119,565	51,077	112,639
DISTRICTS 1-4 Weeks Ended:									
NOV. 23, 1990	187,648	4,954	151,015	31,679	4,535	39,149	122,339	43,559	82,999
NOV. 16, 1990	187,031	4,657	150,710	31,664	4,305	36,934	122,415	44,039	82,036
NOV. 24, 1989	192,424	12,910	149,709	29,805	4,700	37,532	109,895	41,654	88,255

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasolin

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN
Week Ended November 23, 1990

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy June 1990	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
NOV. 23, 1990	4,377.0	4,467.0	5,088	578	263,016
NOV. 16, 1990	4,377.0	--	5,107	672	261,543
NOV. 9, 1990	4,377.0	--	4,663	611	265,016
NOV. 2, 1990	4,387.0	--	5,480	596	263,861
DISTRICT 5 TOTAL					
NOV. 23, 1990	2,848.0	2,573.0	165	--	74,059 #
NOV. 16, 1990	2,848.0	--	89	--	79,672
NOV. 9, 1990	2,848.0	--	166	13	80,340
NOV. 2, 1990	2,846.0	--	417	28	80,617
TOTAL U.S.					
NOV. 23, 1990	7,225.0	7,040.0	5,253	578	337,075 #
NOV. 16, 1990	7,225.0	--	5,196	672	341,215
NOV. 9, 1990	7,225.0	--	4,829	624	345,356
NOV. 2, 1990	7,233.0	--	5,897	624	344,478
NOV. 24, 1989	7,536.0 a/	--	5,603	612	344,033

#INCLUDES 17,700 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for October 1989.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1989 Averages Absolute	1989 Averages Positive	1989 Averages Negative
NOV. 23, 1990	-187	451	493	-390

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
NOV. 23, 1990	12,971	69,828	167,610	12,607	263,016	74,059 #	337,075 #
NOV. 16, 1990	13,322	71,107	164,549	12,565	261,543	79,672	341,215
NOV. 24, 1989	14,688	75,444	160,755	11,943	262,830	81,203	344,033

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	70	--	70	--	--	--	47	89	3	--	--	209
Central Atlantic	142	--	142	42	23	29	131	181	60	153	--	761
Lower Atlantic	47	--	47	--	--	17	12	--	--	--	5	81
DISTRICT 1 TOTAL												
NOV. 23, 1990	259	--	259	42	23	46	190	270	63	153	5	1,051
NOV. 16, 1990	136	--	136	15	--	2	76	305	27	133	67	761
NOV. 9, 1990	368	--	368	31	--	34	365	408	29	35	127	1,397
NOV. 2, 1990	188	--	188	5	--	34	234	256	6	244	15	982
DISTRICTS 2-4 TOTAL												
NOV. 23, 1990	6	--	6	6	2	12	4	10	175	232	152	599
NOV. 16, 1990	2	--	2	40	2	1	--	5	139	187	113	489
NOV. 9, 1990	8	--	8	5	2	1	5	6	98	220	385	730
NOV. 2, 1990	3	--	3	2	2	1	3	5	189	204	194	603
DISTRICT 5 TOTAL												
NOV. 23, 1990	7	--	7	4	--	4	2	16	13	1	13	60
NOV. 16, 1990	2	--	2	4	--	1	22	9	1	1	17	57
NOV. 9, 1990	--	--	--	--	--	3	30	6	3	--	2	44
NOV. 2, 1990	4	--	4	--	--	3	3	5	16	--	10	41
TOTAL U.S.	272	--	272	52	25	62	196	296	251	386	170	1,710
TOTAL U.S. Weeks Ended:												
NOV. 16, 1990	140	--	140	59	2	4	98	319	167	321	197	1,307
NOV. 9, 1990	376	--	376	36	2	38	400	420	130	255	514	2,171
NOV. 2, 1990	195	--	195	7	2	38	240	266	211	448	219	1,626
NOV. 24, 1989	152	--	152	--	--	20	182	463	112	106	388	1,423

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.